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PTO/SB/05 (11-00)

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Approved for use through 10/31/2002. OMB 0651-0032

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**UTILITY
PATENT APPLICATION
TRANSMITTAL**

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No.	GAT 0074 PA
First Inventor	Reza Alani
Title	ION BEAM MILLING SYSTEM AND METHOD FOR ELECTRON MICROSCOPY SPECIMEN
Express Mail Label No.	EL659757454US

APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

1. ☒ Fee Transmittal Form (e.g., PTO/SB/17)
(Submit an original and a duplicate for fee processing)
2. ☐ Applicant claims small entity status.
See 37 CFR 1.27.
3. ☒ Specification [Total Pages 28]
(preferred arrangement set forth below)
 - Descriptive title of the invention
 - Cross Reference to Related Applications
 - Statement Regarding Fed sponsored R & D
 - Reference to sequence listing, a table, or a computer program listing appendix
 - Background of the Invention
 - Brief Summary of the Invention
 - Brief Description of the Drawings (if filed)
 - Detailed Description
 - Claim(s)
 - Abstract of the Disclosure
4. ☒ Drawing(s) (35 U.S.C. 113) [Total Sheets 7]
5. Oath or Declaration [Total Pages 2]
 - a. ☒ Newly executed (original or copy)
Copy from a prior application (37 CFR 1.63 (d))
 - b. ☐ (for continuation/divisional with Box 18 completed)
 - i. ☐ **DELETION OF INVENTOR(S)**
Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).
6. ☒ Application Data Sheet. See 37 CFR 1.76

ADDRESS TO: Assistant Commissioner for Patents
Box Patent Application
Washington, DC 20231

7. ☐ CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)
8. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)
 - a. ☐ Computer Readable Form (CRF)
 - b. Specification Sequence Listing on:
 - i. ☐ CD-ROM or CD-R (2 copies); or
 - ii. ☐ paper
 - c. ☐ Statements verifying identity of above copies

ACCOMPANYING APPLICATION PARTS

9. ☐ Assignment Papers (cover sheet & document(s))
10. ☐ 37 CFR 3.73(b) Statement ☒ Power of Attorney
(when there is an assignee)
11. ☐ English Translation Document (if applicable)
12. ☐ Information Disclosure Statement (IDS)/PTO-1449 ☐ Copies of IDS Citations
13. ☐ Preliminary Amendment
14. ☒ Return Receipt Postcard (MPEP 503)
(Should be specifically itemized)
15. ☐ Certified Copy of Priority Document(s)
(if foreign priority is claimed)
16. ☐ Request and Certification under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent Credit Card Payment form
17. ☒ Other: for 1,636.00

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No.: _____

Prior application information: Examiner _____ Group Art Unit: _____

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

19. CORRESPONDENCE ADDRESS☒ Customer Number or Bar Code Label  (Insert Cut label here) or ☐ Correspondence address below

Name

23368

PATENT TRADEMARK OFFICE

Address

City

State

Zip Code

Country

Telephone

Fax

Name (Print/Type)

Timothy W. Hagan

Registration No. (Attorney/Agent)

29,001

Signature



Date

June 5, 2001

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FEE TRANSMITTAL

for FY 2001

Patent fees are subject to annual revision.

Complete if Known

Application Number	
Filing Date	June 5, 2001
First Named Inventor	Reza Alani
Examiner Name	
Group Art Unit	
Attorney Docket No.	GAT 0074 PA

TOTAL AMOUNT OF PAYMENT	(\$) 1,636.00
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METHOD OF PAYMENT

1. ☐ The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:

Deposit
Account
Number

**Deposit
Account
Name**

- ☐ Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17
- ☐ Applicant claims small entity status. See 37 CFR 1.27

2. ☒ **Payment Enclosed:**

☐ Check ☒ Credit card ☐ Money Order ☐ Other

FEE CALCULATION

1. BASIC FILING FEE

	Large Entity	Small Entity
1. Revenue Recognition	Revenue is recognized when the performance obligation is satisfied, which is when control of the goods or services is transferred to the customer.	Revenue is recognized when the performance obligation is satisfied, which is when control of the goods or services is transferred to the customer.
2. Cost of Sales	Cost of sales is recognized when the revenue is recognized, and it is measured at the cost incurred to produce the goods or services.	Cost of sales is recognized when the revenue is recognized, and it is measured at the cost incurred to produce the goods or services.
3. Impairment of Intangible Assets	Intangible assets are tested for impairment annually, or more frequently if there are indicators of impairment. If an impairment loss is identified, it is recognized in the income statement.	Intangible assets are tested for impairment annually, or more frequently if there are indicators of impairment. If an impairment loss is identified, it is recognized in the income statement.
4. Goodwill Impairment	Goodwill is tested for impairment annually, or more frequently if there are indicators of impairment. If an impairment loss is identified, it is recognized in the income statement.	Goodwill is tested for impairment annually, or more frequently if there are indicators of impairment. If an impairment loss is identified, it is recognized in the income statement.
5. Leases	Leases are classified as either finance leases or operating leases. Finance leases are accounted for as if the lessee has purchased the asset, while operating leases are accounted for as if the lessee is renting the asset.	Leases are classified as either finance leases or operating leases. Finance leases are accounted for as if the lessee has purchased the asset, while operating leases are accounted for as if the lessee is renting the asset.
6. Share-based Payments	Share-based payments are accounted for as if the company has issued shares to its employees, and the cost is recognized in the income statement.	Share-based payments are accounted for as if the company has issued shares to its employees, and the cost is recognized in the income statement.
7. Financial Instruments	Financial instruments are classified as either financial assets or financial liabilities, and they are measured at fair value.	Financial instruments are classified as either financial assets or financial liabilities, and they are measured at fair value.
8. Provisions and Contingent Liabilities	Provisions and contingent liabilities are recognized when there is a present obligation, and the amount can be reliably estimated.	Provisions and contingent liabilities are recognized when there is a present obligation, and the amount can be reliably estimated.
9. Income Taxes	Income taxes are recognized when the company has a taxable profit, and the amount is measured at the best estimate of the tax liability.	Income taxes are recognized when the company has a taxable profit, and the amount is measured at the best estimate of the tax liability.
10. Other	Other accounting standards that apply to large entities, such as the recognition of intangible assets, the measurement of financial instruments, and the recognition of provisions and contingent liabilities.	Other accounting standards that apply to small entities, such as the recognition of intangible assets, the measurement of financial instruments, and the recognition of provisions and contingent liabilities.

Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description	Fee Paid
101	710	201	355	Utility filing fee	710.00
106	320	206	160	Design filing fee	
107	490	207	245	Plant filing fee	
108	710	208	355	Reissue filing fee	
114	150	214	75	Provisional filing fee	

SUBTOTAL (1)	(\$)	710.00
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2. EXTRA CLAIM FEES

	Extra Claims	Fee from below	Fee Paid
Total Claims	67	-20** = 47	18 = 846.00
Independent Claims	4	-3** = 1	80 = 80.00
Multiple Dependent			

	Large Entity	Small Entity
1. Revenue Recognition	Revenue is recognized when the performance obligation is satisfied, which is when control of the goods or services is transferred to the customer.	Revenue is recognized when the performance obligation is satisfied, which is when control of the goods or services is transferred to the customer.
2. Cost of Sales	Cost of sales is recognized when the revenue is recognized, and it is measured at the cost incurred to produce the goods or services.	Cost of sales is recognized when the revenue is recognized, and it is measured at the cost incurred to produce the goods or services.
3. Impairment of Financial Assets	Impairment of financial assets is recognized when there is a decrease in the fair value of the asset, and it is measured at the difference between the carrying amount and the fair value.	Impairment of financial assets is recognized when there is a decrease in the fair value of the asset, and it is measured at the difference between the carrying amount and the fair value.
4. Impairment of Non-Financial Assets	Impairment of non-financial assets is recognized when there is a decrease in the carrying amount of the asset, and it is measured at the difference between the carrying amount and the fair value.	Impairment of non-financial assets is recognized when there is a decrease in the carrying amount of the asset, and it is measured at the difference between the carrying amount and the fair value.
5. Impairment of Financial Liabilities	Impairment of financial liabilities is recognized when there is a decrease in the fair value of the liability, and it is measured at the difference between the carrying amount and the fair value.	Impairment of financial liabilities is recognized when there is a decrease in the fair value of the liability, and it is measured at the difference between the carrying amount and the fair value.
6. Impairment of Non-Financial Liabilities	Impairment of non-financial liabilities is recognized when there is a decrease in the carrying amount of the liability, and it is measured at the difference between the carrying amount and the fair value.	Impairment of non-financial liabilities is recognized when there is a decrease in the carrying amount of the liability, and it is measured at the difference between the carrying amount and the fair value.

Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description
103	18	203	9	Claims in excess of 20
102	80	202	40	Independent claims in excess of 3
104	270	204	135	Multiple dependent claim, if not paid
109	80	209	40	** Reissue independent claims over original patent
110	18	210	9	** Reissue claims in excess of 20 and over original patent

SUBTOTAL (2)	(\$)	926.00
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FEE CALCULATION (continued)

3. ADDITIONAL FEES

Fee Code	Large Entity Fee (\$)	Small Entity Fee (\$)	Fee Description	Fee Paid
105	130	205	65 Surcharge - late filing fee or oath	
127	50	227	25 Surcharge - late provisional filing fee or cover sheet	
139	130	139	130 Non-English specification	
147	2,520	147	2,520 For filing a request for <i>ex parte</i> reexamination	
112	920*	112	920* Requesting publication of SIR prior to Examiner action	
113	1,840*	113	1,840* Requesting publication of SIR after Examiner action	
115	110	215	55 Extension for reply within first month	
116	390	216	195 Extension for reply within second month	
117	890	217	445 Extension for reply within third month	
118	1,390	218	695 Extension for reply within fourth month	
128	1,890	228	945 Extension for reply within fifth month	
119	310	219	155 Notice of Appeal	
120	310	220	155 Filing a brief in support of an appeal	
121	270	221	135 Request for oral hearing	
138	1,510	138	1,510 Petition to institute a public use proceeding	
140	110	240	55 Petition to revive - unavoidable	
141	1,240	241	620 Petition to revive - unintentional	
142	1,240	242	620 Utility issue fee (or reissue)	
143	440	243	220 Design issue fee	
144	600	244	300 Plant issue fee	
122	130	122	130 Petitions to the Commissioner	
123	50	123	50 Processing fee under 37 CFR 1.17(q)	
126	180	126	180 Submission of Information Disclosure Stmt	
581	40	581	40 Recording each patent assignment per property (times number of properties)	
146	710	246	355 Filing a submission after final rejection (37 CFR § 1.129(a))	
149	710	249	355 For each additional invention to be examined (37 CFR § 1.129(b))	
179	710	279	355 Request for Continued Examination (RCE)	
169	900	169	900 Request for expedited examination of a design application	
Other fee (specify)				

Other fee (specify)

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3)	(\$)	-0-
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****or number previously paid, if greater; For Reissues, see above**

SUBMITTED BY

Name (Print/Type)	Timothy W. Hagan
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Signature

Registration No.
(Attorney/Agent)

29.001

Complete (if applicable)

Telephone

(937) 223-2050

Date _____

June 5, 2001

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